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PTO/SB/21 (6-99) Approved for use through 09/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Alle		20	Application Num	ber	10	0/783,974
TRAN	ISMITT <i>A</i>	\mathbf{L}	Filing Date	_	F	ebruary 20, 2004
F	ORM		First Named Inve	ntor	К	NOWLTON
(to be used for all co	rrespondence after i	nitial filing)	Group/Art Unit		uı	nassigned
٠.			Examiner Name		uı	nassigned
Total Number of Pages in	n This Submission	15	Attorney Docket N	lumber	39	9238-0034
		ENCLOSU	RES (check all that ap	pply)		
Fee Transmittal Form Fee Attached Amendment / Response to Missing Incomplete Application Response to Missing In	aration(s) Request ure Statement 93 references g Parts/ tion issing	Drawing Licensin Petition Provisio Power of Change Termina Small Er Request Remarks	g-related Papers to Convert to a nal Application f Attorney, Revocation of Correspondence Ad l Disclaimer ntity Statement for Refund	dress DEPOSIT	ACC	After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Status Letter Additional Enclosure(s) (please identify below): stamped return postcard
	SIGNA	TURE OF APP	LICANT, ATTORNI	EY OR AG	ENT	
Firm or Individual name	Davis, Reg. No. 20	294, HELLER EI	HRMAN WHITE & M	1cAULIFFE	E LLP	
Signature	The pe	Q()				
Date June	29, 2004		Customer Numb	er: 252	13	
		CERTIFICAT	E OF EXPRESS MA	ILING		
I hereby certify that this Addressee" service unde Alexandria, VA 22313-1	r 37 C.F.R. §1.10 o			d to: Comm	nission	er for Patents, P.O. Box 1450,
Typed or printed name	Jan Hyas	0//	Express Main Dat	20. 22. 770	J T J Z	
Signature	(A)	lus_		Date	X	ne 29, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop ____, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.







Attorney Docket No. 39238-0034

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application) PATENT APPLICATION
Inventor(s):)
KNOWLTON, Edward Application No.:) Art Unit: unassigned
10/783,974) Examiner: unassigned
Filed:)
February 20, 2004)
Title: Fluid delivery apparatus)
)

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

MailStop: Amendment Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Listed below on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, along with a concise explanation of information in a foreign language, if any, except for pending U.S. applications is attached pursuant to 37 C.F.R. §1.97-1.98.

Under 37 CFR §1.98(d), if a patent, publication or other information listed in the attached PTO-1449 was previously cited by or submitted to the Office in a prior application, a copy is not being provided. For the examiner's convenience, an asterisk is placed beside the reference(s) we are not providing a copy of.

Applicants identify the priority application as Serial No. 10/026,870, filed December 20, 2001, now US Patent No. 6,749,624 (Attorney docket no. 39238-0760).

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. The Examiner is requested to initial and return the PTO-1449 in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.



\boxtimes	This st	atemen	It qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):
		(1)	It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d) OR
		(2)	It is being filed within 3 months of entry of a national stage OR
	\boxtimes	(3)	It is being filed before the mail date of the first Office Action on the merits OR
		(4)	It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
	filing d stage a action	ate of a as set fo on the i	97(c). If this statement is being filed after the latest of: (1) three months beyond the national application; (2) three months beyond the date of entry of the national orth in §1.491 in an international application; or (3) the mailing date of a first Office merits, but before the mailing date of the earlier of a final office action under §1.113 allowance under §1.311, then:
		a certif	fication as specified in §1.97(e) is provided below; or
			of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with yment of other papers filed together with this statement.
	office a		97(d). If this statement is being filed after the mailing date of the earlier of a final nder §1.113 or a notice of allowance under §1.311, but before payment of the n:
	A.	a certif	fication as specified in §1.97(e) is completed below; and
	В.		ion under 37 C.F.R. §1.97(d) requesting consideration of this statement is ted herewith; and
	C.		of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with yment of other papers filed together with this statement.
	overpa		tion. The Commissioner is hereby authorized to charge any fees or credit any associated with this communication to Deposit Account No. <u>08-1641 (Docket No.</u>
			Respectfully submitted,
			HELLER EHRMAN WHITE & MCAULIFFE LLP
275 Mi Menlo (650) 3	/ Ehrma ddlefiel	d Road A 9402 0	By: Paul Davis, Reg. No. 29,294 te & McAuliffe LLP 5-3506
	lo. 10/7 y Dock		39238-0034

SV 2043386 v1 6/23/04 11:16 AM (39238.0034)

ATTY. DOCKET NO. 39238-0034

APPLICATION NO. 10/783,974

TITLE: Fluid delivery apparatus

APPLICANT: KNOWLTON, Edward W.

	PTO-	1449		FILING DATE			
II C DATENT	DOCUMENTS	Salara Alaysia	and the second	FILING DATE:	02/20/2004	GROUP: una	issigned
EXAMINER'S				, de 2. ce ² − 1, 1			FILING
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					Y	260	9/19/73
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	*4,074,718	11/78	Morrison		128	303.14	3/17/76
	*4,140,130	2/79	Storm, III		128	404	5/31/77
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	*4,343,301	8/82	Indech		128	24	10/4/79
	*4,346,715	8/82	Gammell		128	422	5/13/80
		FOI	REIGN PATENT	DOCUMENTS			
EXAMINER'S							Translatio
INITIALS	PATENT NO.	DATE	+	DUNTRY	CLASS	SUBCLASS	Yes
	*92/19414	11/92	PCT				<u> </u>
	*0 519 415	12/92	Europe				
_	*31 21 683	12/82	Germany				×
	*1 949 534	4/70	Germany				×
	*2 609 245	7/88	France				×
	OTHER DOC	UMENTS (II	cluding Autho	r, Title, Date, P	ertinent Pag	es, Etc.)	* ***
	*Allain, et al. "I	sometric Ter	nsions Develope h, vol 7, pp. 697	d During the Hy			
			d thermal stabili itain, pp. 697-70		oility to proteo	lysis of rat bo	ne
			ability of reconsti ms of Ageing an				
			ns of collagens vive Tissue Rese				bovine
	*Mainster, M.A pp. 414-420, A		ic applications of	finfrared lasers	- thermal cor	nsiderations",	Visual So
	*Pearce, et al. 360, (1993)	"Kinetic mod	lels of laser-tissu	ue fusion proces	sses", ISA, pa	per #93-044,	pp. 355-
XAMINER				ATE CONSIDE	RED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant.

*If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identical in the statement and relied upon for an earlier filing date under 35 U.S.C. §120. 37 C.F.R. §1.98 (d).

ATTY. DOCKET NO. 39238-0034 AF

APPLICATION NO. 10/783,974

TITLE: Fluid delivery apparatus

APPLICANT: KNOWLTON, Edward W.

	PTO-1	449		FILING DATE: 02/20/2004 GROUP: unassigned				
U.S. PATENT	DOCUMENTS						Array Variation	
EXAMINER'S INITIALS	PATENT NO.	DATE		IAME	CLASS	SUBCLASS	FILING DATE	
	*4,375,220	5/83	Matvias		128	804	5/9/80	
	*4,381,007	4/83	Doss		128	303.1	4/30/81	
	*4,441,486	4/84	Pounds		128	24	10/27/81	
	*4,545,368	10/85	Rand, et al.		128	1.3	4/13/83	
	*4,676,258	6/87	Inokuchi, et al		128	804	6/5/86	
·	*4,709,701	12/87	Weber	-	128	422	4/14/86	
	*4,881,543	11/89	Trembly, et al.		128	303.1	6/28/88	
	*4,887,614	12/89	Shirakami, et	al.	128	798	4/18/89	
	*4,889,122	12/89	Watmough et	al.	128	399	4/11/88	
	*4,944,302	7/90	Hernandez et	al.	128	798	4/18/89	
EXAMINER'S INITIALS	PATENT NO.	DATE	co	UNTRY	CLASS	SUBCLASS	Translati Yes N	
***************************************	*Adrian, R. M.	"Treatment o	f Facial Telangie	, Title, Date, Pert			ulse Widti	
	Frequency Doubled Neodymium:YAG Laser: A Case Report. *Chess, C.; Chess, Q. "Cool Laser Optics Treatment of Large Telangiestasia of the Lower Extremities." J. Dermatol Surg Oncol. 1993; 19:74-80. *Coulson, W. F. et al. "Nonablative Laser Treatment of Facial Rhytides: Animal Study." Abs for BiOS '98 Symposium Conference: bo05 - Cutaneous Applications of Lasers, 24-30 Janual 1998, San Jose, CA.							
	*Kincade, K. "[Dermatology Ti			g Soars: Quicker	Healing, L	ess Risk of S	carring"	
	*Fitzpatrick, R.	"Treatment of	of Wrinkles with	the UltraPulse CO	₂ Laser." (1982)		
	*Laser Aestheti	cs, Inc. "The	Cool Touch Las	ser." Brochure.				
				30 Technical Spe v Laser Eliminates			Release	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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ATTY. DOCKET NO. 39238-0034 APPLICATION NO. 10/783,974

TITLE: Fluid delivery apparatus

APPLICANT: KNOWLTON, Edward W.

	PTO-1	449		APPLICANT: KNOWLTON,					
				FILING DATE	E: 02/20/2004	GROUP: una	ssigned		
EXAMINER'S INITIALS	PATENT NO.	DATE		NAME	CLASS	SUBCLASS	FILING DATE		
	*4,957,480	9/90	Morenings		604	20	2/2/88		
	*4,962,761	10/90	Golden		. 128	400	5/4/89		
	*5,003,991	4/91	Takayama, et	al.	128	884	3/24/88		
	*5,133,351	7/92	Masaki		128	419 R	3/14/90		
	*5,143,063	9/92	Fellner		128	399	2/9/88		
	*5,186,181	2/93	Franconi, et a	l.	128	804	7/27/90		
	*5,190,517	3/93	Zieve, et al.		604	22	6/6/91		
	*5,230,334	7/93	Klopotek		128	399	1/22/92		
	*5,249,575	10/93	DiMino, et al.		604	150	10/21/91		
	*5,282,797	2/94	Chess		606	9	5/28/91		
	*5,304,169	4/94	Sand		606	5	8/17/92		
	*5,315,994	5/94	Guibert, et al.		604	101	3/5/93		
	*5,334,193	8/94	Nardella	Nardella		41	11/13/92		
	*5,342,357	8/94	Nardella		606	40	11/13/92		
	*5,348,554	9/94	Imran, et al.		606	41	12/1/92		
	*5,370,642	12/94	Keller		606	9	8/2/93		
	*5,374,265	12/94	Sand		606	5	8/6/92		
	*5,660,836	8/94	Knowlton		424	400	5/5/95		
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EXAMINER'S INITIALS	PATENT NO.	DATE		UNTRY	CLASS	SUBCLASS	Translatio		
	OTHER DOC	UMENTS (Ir	ncluding Autho	r, Title, Date, I	Pertinent Pag	es, Etc.)			
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^{*}If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identical in the statement and relied upon for an earlier filing date under 35 U.S.C. §120. 37 C.F.R. §1.98 (d)

ATTY. DOCKET NO. 39238-0034

APPLICATION NO. 10/783,974

TITLE: Fluid delivery apparatus

APPLICANT: KNOWLTON, Edward W.

	PTO-1449		FILING DATE:	FILING DATE: 02/20/2004			
U.S. PATENT	DOCUMENTS				2		
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILII DAT	_
	*5,423,807	6/95	Milder	606	20	1/24/9	4
	*5,423,811	6/95	Imran, et al.	606	41	3/16/9	4
	*5,437,662	8/95	Nardella	606	40	2/17/9	4
	*5,458,596	10/95	Lax, et al.	606	31	5/6/94	
	*5,462,521	10/95	Brucker, et al.	604	20	12/21/	93
	*5,464,436	11/95	Smith	607	89	4/28/9	4
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	*4,756,310	7/12/88	Bitterly	128	400		
	*4,633,875	7/1987	Turner				
	*6,139,569	10/2000	Ingle et al.	607	104		
	*5,231,997	8/1993	Kikuchi et al.				
	*4,140,130	2/1979	Storm, III				
	*5,769,879	6/1998	Richards et al.	607	101		
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INTIALO	*0 395 307 A2	10/31/90	Europe	A61B	17/36	Yes	N
	*98 05286	2/1998	PCT	A61H	7/00		
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^{*}If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identical in the statement and relied upon for an earlier filing date under 35 U.S.C. §120. 37 C.F.R. §1.98 (d

ATTY. DOCKET NO. APPLICATION NO. 39238-0034 10/783,974 INFORMATION DISCLOSURE TITLE: Fluid delivery apparatus **CITATION** APPLICANT: KNOWLTON, Edward W. PTO-1449 FILING DATE: 02/20/2004 GROUP: unassigned U.S. PATENT DOCUMENTS **EXAMINER'S FILING** INITIALS PATENT NO. NAME CLASS **SUBCLASS** DATE DATE *5,366,443 11/94 Eggers, et al. *5,697,909 12/97 Eggers, et. al. *5,697,882 12/97 Eggers, et al. *5,697,536 12/97 Eggers, et al. *5,697,281 12/97 Eggers, et al. 12/97 *5,693,045 **Eggers** *5,692,058 11/97 Eggers, et al. *5,683,366 11/97 Eggers, et al. *5,681,282 10/97 Eggers, et al. FOREIGN PATENT DOCUMENTS **EXAMINER'S Translation INITIALS** PATENT NO. DATE COUNTRY **SUBCLASS CLASS** Yes No *266678 12/97 New Zealand PCT *98/03220 1/98 *98/03117 1/98 **PCT** *97/18768 5/97 PCT *97/18765 5/97 **PCT** 12/96 PCT *96/39914 10/96 **PCT** *96/32051 *96/27327 9/96 PCT PCT *96/27240 9/96 *94/26228 11/94 PCT *93/13816 7/93 PCT OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED **EXAMINER**

^{*}If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identical in the statement and relied upon for an earlier filing date under 35 U.S.C. §120. 37 C.F.R. §1.98 (d).

PTO-1449

ATTY. DOCKET NO. 39238-0034 APPLICATION NO. 10/783,974

TITLE: Fluid delivery apparatus

APPLICANT: KNOWLTON, Edward W.

FILING DATE: 02/20/2004 GROUP: unassigned

		T	PATENT DOCUMENTS	T		
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,217,455	06/08/93	Tan	606	9	
	5,249,192	09/28/93	Kuizenga et al.	372	23	
	5,290,273	03/01/94	Tan	606	3	
	5,360,447	11/01/94	Коор	623	15	
	5,522,813	06/04/96	Trelles	606	2	
	5,527,350	06/18/96	Grove et al.	607	89	
,	5,531,739	07/02/96	Trelles	606	2.5	
	5,558,667	09/24/96	Yarborough et al.	606	9	
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	5,743,901	04/28/98	Grove et al.	606	9	
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	5,754,573	05/19/98	Yarborough et al.	372	22	
	5,810,801	09/22/98	Anderson et al.	606	9	
	5,814,040	09/29/98	Nelson et al.	606	9	
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	5,871,479	02/16/99	Furumoto et al.	606	9	
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^{*}If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identical in the statement and relied upon for an earlier filing date under 35 U.S.C. §120. 37 C.F.R. §1.98 (d).

PTO-1449

ATTY. DOCKET NO. 39238-0034

APPLICATION NO. 10/783,974

TITLE: Fluid delivery apparatus

APPLICANT: KNOWLTON, Edward W.

FILING DATE: 02/20/2004 GROUP: unassigned

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		U.S.	PATENT DOCUMENTS					
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING	G DATE	
•	6,045,548	04/04/00	Furumoto et al.	606	9			
	6,077,294	06/20/00	Cho et al.	607	89			
<u> </u>	*6,171,301	01/09/01	Nelson et al.	606	9			
	6,228,075	05/08/01	Furumoto	606	9			
	6,240,925	06/05/01	McMillan et al.	128	898			
	6,248,103	06/19/01	Tannenbaum et al.	606	9			
	6,273,883	08/14/01	Furumoto	606	9			
	6,383,176	05/07/02	Connors et al.	606	. 9			
	6,387,089	05/14/02	Kreindel et al.	606	9			
	6,436,094	08/20/02	Reuter	606	9			
	2002/0016587	02/07/02	Furumoto	606	7			
	2002/0035360	03/21/02	Conners et al.	606	9			
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	2002/0111605	0815/02	Furumoto et al.	606	3			
		FORE	GN PATENT DOCUMENTS					
EXAMINER'S	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRAN	TRANSLATION	
INITIALS						YES	NO	
	WO 97/37602	10/16/97	PCT	A61B	17/41			
	WO 98/33558	08/06/98	PCT	A61N	5/06			
	WO 00/44297	08/03/00	PCT	A61B	18/20	_		
	WO 00/54685	09/21/00	PCT	A61B	18/20			
	WO 00/54686	09/21/00	PCT	A61B	18/20			
	WO 02/076318	10/03/02	PCT	A61B	18/18			
	WO 02/064209 .	08/22/02	PCT	A61N	5/06			
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ATTY. DOCKET NO. 39238-0034

APPLICATION NO. 10/783,974

TITLE: Fluid delivery apparatus

APPLICANT: KNOWLTON, Edward W.

	PTO-14		· 101		TE: 02/20/20	04 GROUP:	unassign	ed
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, ¥ .	6,706,032	3/16/04	Weaver et a	al.	604	500	6/7/0)1
	6,659,999	12/9/03	Anderson e	t al.	606	9	6/5/0	00
	6,605,080	8/12/03	Altshuler et	al.	606	3	3/26	/99
	6,529,543	3/4/03	Anderson e	t al.	372	108	11/2	1/00
•	6,527,763	3/4/03	Esch et al.		606	2	9/6/0)1
	6,511,475	1/28/03	Altshuler et	al.	606	9	8/9/0	00
	6,350,261	2/26/02	Domankivit	z et al.	606	17	4/11	/00
	6,275,962	8/14/01	Fuller et al.		714	724	10/2	3/98
	6,273,884	8/14/01	Altshuler et	al.	606	9	5/13	/98
	*6,248,103	6/19/01	Tannenbau	m et al.	. 606	9	5/28	/99
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	6,139,653	10/31/00	Fernandes	et al.	148	439	8/12	/99
	6,129,723	10/10/00	Anderson e	t al.	606	13	11/2	8/95
	6,126,655	10/3/00	Domankevi	tz et al.	606	17	8/11	/98
	6,120,497	9/19/00	Anderson e	t al.	606	9	9/15	/98
	6,081,749	6/27/00	Ingle et al.	e et al.		101	8/13	/97
	6,066,130	5/23/00	Gregory et a	al.	606	15	10/2	7/98
		FORE	IGN PATENT	DOCUMENT	s			
EXAMINER'S INITIALS	PATENT NO.	DATE	cou	NTRY	CLASS	SUBCLAS S	TRANS	LATION NO
	OTHER DOC	IMENTS (Incl	luding Autho	r Title Date	Portinent I	Pagos Etc.)		<u> </u>
	Anvari, et al., "I Stains: Theore (July 1995)	Dynamic Epide	ermal Cooling	in Conjunctio	n with Lase	r Treatment o		
	Nelson, et al., A stain. A new m 700							
	Anvari, et al., "s cryogen spray					es; feasibility	study uti	lizing
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ATTY. DOCKET NO. 39238-0034

APPLICATION NO. 10/783,974

TITLE: Fluid delivery apparatus

APPLICANT: KNOWLTON, Edward W.

	PTO-14					JIV, Edward VV			
				FILING DAT	E: 02/20/200	4 GROUP:	unassign	ed	
<u> </u>	1	U.	S. PATENT DO	CUMENTS		+	-		
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	6,014,579	1/11/00	Pomeranz et	al.	600	374	7/21	/97	
	5,995,283	11/30/99	Anderson et	al.	359	385	11/1	2/98	
	*5,979,454	11/9/99	Anvari et al.		128	898	6/6/9	97	
	5,925,078	7/20/99	Anderson		623	66	11/4	/96	
	5,911,718	6/15/99	Yarborough o	et al.	606	9	5/8/9	98	
	5,880,880	3/9/99	Anderson et	al.	359	385	7/15	/96	
	5,879,326	3/9/99	Godshall et a	ıl.	604	51	4/25	/9 7	
	5,814,041	9/29/98	Anderson et	al.	606	15	7/7/9	95	
:	*5,814,040	9/29/98	Nelson et al.		606	9	5/15	/95	
	5,810,801	9/22/98	Anderson et	al.	606	. 9	9/22	/98	
	5,556,612	9/17/96	Anderson et	al.	424	59	3/15	/94	
	5,735,844	4/7/98	Anderson et	al.	606	9	1/30	/96	
	5,649,923	7/22/97	Gregory et al		606	15	4/8/9	94	
	5,571,216	11/5/96	Anderson		623	66	1/19	1/19/94	
	5,595,568	1/21/97	Anderson et	al.	606	9	2/1/9	95	
	5,558,667	9/24/96	Yarborough e	et al.	606	9	1/6/9	95	
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EXAMINER'S	PATENT NO.	PATENT NO. DATE		COUNTRY		SUBCLAS	TRANS	LATION	
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^{*}If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identical in the statement and relied upon for an earlier filing date under 35 U.S.C. §120. 37 C.F.R. §1.98 (d).

PTO-1449

ATTY. DOCKET NO. 39238-0034 APPLICATION NO. 10/783,974

TITLE: Fluid delivery apparatus

APPLICANT: KNOWLTON, Edward W.

EXAMINER'S PATENT NO. DATE NAME CLASS SUBCLASS FILING DATE		PTO-14	49	FILING	DATE:	02/20/200	4 GROUP:	unassigr	ned	
INITIALS S,527,308 6/18/96 Anderson et al. 606 14 2/1/94			U.							
5,456,260 10/10/95 Kollias et al. 128 665 4/5/94 5,304,171 4/19/94 Gregory et al. 606 15 2/2/93 5,300,097 4/5/94 Lerner et al. 607 93 9/18/92 5,100,402 3/31/92 Fan 606 37 10/5/90 2004/0093042 5/13/04 Altshuler et al. 607 88 6/17/03 2004/0039379 2/26/04 Viator et al. 606 9 2/7/03 2004/0034319 2/19/04 Anderson et al. 604 20 3/12/03 2004/0034341 2/19/04 Altshuler et al. 606 3 8/12/03 2003/0220749 11/27/03 Chen et al. 702 31 4/9/03 2003/0218756 11/27/03 Chen et al. 702 49 3/12/03 2003/0298326 11/6/03 Chen et al. 702 49 3/12/03 2003/0355414 3/20/03 Altshuler et al. 606 9 5/21/03 2003/0036751 2/20/03 Anderson et al. 606 9 5/30/01<		PATENT NO.	DATE	NAME		CLASS	SUBCLAS			
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5,300,097 4/5/94 Lerner et al. 607 93 9/18/92 5,100,402 3/31/92 Fan 606 37 10/5/90 2004/0093042 5/13/04 Altshuler et al. 607 88 6/17/03 2004/0039379 2/26/04 Viator et al. 606 9 2/7/03 2004/0034319 2/19/04 Anderson et al. 604 20 3/12/03 2004/0034341 2/19/04 Altshuler et al. 606 3 8/12/03 2003/0220749 11/27/03 Chen et al. 702 31 4/9/03 2003/0218756 11/27/03 Chen et al. 356 497 1/16/03 2003/0208326 11/6/03 Chen et al. 702 49 3/12/03 2003/0199859 10/23/03 Altshuler et al. 606 9 5/21/03 2003/0055414 3/20/03 Anderson et al. 606 9 5/30/01 FOREIGN PATENT DOCUMENTS EXAMINER'S INITIALS PATENT NO. DATE COUNTRY CLASS SUBCLAS TRANSLATIO YES		5,456,260	10/10/95	Kollias et al.		128	665	4/5/	/94	
5,100,402 3/31/92 Fan 606 37 10/5/90 2004/0093042 5/13/04 Altshuler et al. 607 88 6/17/03 2004/0039379 2/26/04 Viator et al. 606 9 2/7/03 2004/0034319 2/19/04 Anderson et al. 604 20 3/12/03 2004/0034341 2/19/04 Altshuler et al. 606 3 8/12/03 2003/0220749 11/27/03 Chen et al. 702 31 4/9/03 2003/0218756 11/27/03 Chen et al. 356 497 1/16/03 2003/0208326 11/6/03 Chen et al. 702 49 3/12/03 2003/0199859 10/23/03 Altshuler et al. 606 9 5/21/03 2003/0055414 3/20/03 Altshuler et al. 606 9 10/21/02 2003/0036751 2/20/03 Anderson et al. 606 9 5/30/01 FOREIGN PATENT DOCUMENTS EXAMINER'S INITIALS PATENT NO. DATE COUNTRY CLASS SUBCLAS S VESTANION		5,304;171	4/19/94	Gregory et al.		606	15	2/2/	/93	
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2004/0039379 2/26/04 Viator et al. 606 9 2/7/03		5,100,402	3/31/92	Fan		606	37	10/	5/90	
2004/0034319 2/19/04 Anderson et al. 604 20 3/12/03 2004/0034341 2/19/04 Altshuler et al. 606 3 8/12/03 2003/0220749 11/27/03 Chen et al. 702 31 4/9/03 2003/0218756 11/27/03 Chen et al. 356 497 1/16/03 2003/0208326 11/6/03 Chen et al. 702 49 3/12/03 2003/0208326 11/6/03 Altshuler et al. 606 9 5/21/03 2003/0199859 10/23/03 Altshuler et al. 606 9 5/21/03 2003/0055414 3/20/03 Altshuler et al. 606 9 5/30/01 FOREIGN PATENT DOCUMENTS EXAMINER'S PATENT NO. DATE COUNTRY CLASS SUBCLAS TRANSLATIO YES NO		2004/0093042	5/13/04	Altshuler et al.		607	88	6/1	7/03	
2004/0034341 2/19/04 Altshuler et al. 606 3 8/12/03		2004/0039379	2/26/04	Viator et al.		606	9	2/7/	/03	
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2003/0199859 10/23/03 Altshuler et al. 606 9 5/21/03 2003/0055414 3/20/03 Altshuler et al. 606 9 10/21/02 2003/0036751 2/20/03 Anderson et al. 606 9 5/30/01 FOREIGN PATENT DOCUMENTS EXAMINER'S INITIALS PATENT NO. DATE COUNTRY CLASS SUBCLAS TRANSLATIO YES NO		2003/0218756	11/27/03	Chen et al.		356	497	1/16	3/03	
2003/0055414 3/20/03 Altshuler et al. 606 9 10/21/02		2003/0208326	11/6/03	Chen et al.		702	49	3/12	3/12/03	
2003/0036751 2/20/03 Anderson et al. 606 9 5/30/01		2003/0199859	10/23/03	Altshuler et al.		606	9	5/2	1/03	
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PTO-1449

ATTY. DOCKET NO. 39238-0034

APPLICATION NO. 10/783,974

TITLE: Fluid delivery apparatus

APPLICANT: KNOWLTON, Edward W.

	F10-14		FILING	DATE:	02/20/200	4 GROUP:	unassigne	d	
		U.S	S. PATENT DOCUMEN	TS	-				
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME		CLASS	SUBCLAS	S FILING DATE		
,	2002/0161357	10/31/02	Anderson et al.		606	9	12/27	12/27/01	
	2002/0123745	9/5/02	Svaasand, et al.		606	606 9		1/23/01	
	2002/0091377	7/11/02	Anderson et al.		606	9	1/25/01		
	2002/0065533	5/30/02	Weaver et al.		606	191	6/7/01		
	2002/0022827	2/21/02	Esch et al.		606	7	9/6/0	9/6/01	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

^{*}If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identical in the statement and relied upon for an earlier filing date under 35 U.S.C. §120. 37 C.F.R. §1.98 (d)

ATTY. DOCKET NO. 39238-0034

APPLICATION NO. 10/783,974

TITLE: Fluid delivery apparatus

APPLICANT: KNOWLTON, Edward W.

	PTO-14	40			I : KNOWLIO			
			. PATENT DO		TE: 02/20/2004	GROUP:	unassigne	d
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME		CLASS	SUBCLAS		ING ATE
	*4,976,709	10/1990	Sand et al.		606	5		
	*5,500,012	3/1996	Brucker et al.		607	122		
	*5,556,377	9/1996	Rosen et al.		604	22		
	*5,643,334	7/1997	Eckhouse et al.		607	88		
	*5,655,547	8/1997	Karni		128	898		
	*5,755,753	5/1998	Knowlton		607	98		
	*5,776,092	7/1998	Farin et al.		604	22		
	*5,776,175	7/1998	Eckhouse et	al.	607	100		
	*5,833,612	11/1998	Eckhouse et	al.	600	476		
	*5,836,999	11/1998	Eckhouse et	al.	607	88		
	*5,964,749	10/1999	Eckhouse et	al.	606	9		
	*5,970,983	11/1999	Karni et al.		128	898		
	*6,162,212	12/2000	Kreindel, et a	al	606	9		_
	*6,387,089	05/2002	Kreindel, et a	al. ·	606	9		
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	*WO 02/26147	4/4/2002	PCT		A61B	18/14		
	*WO 96/34568	11/1996	PCT					
	*WO 99/08614	2/1999	PCT		A61B	17/39		
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